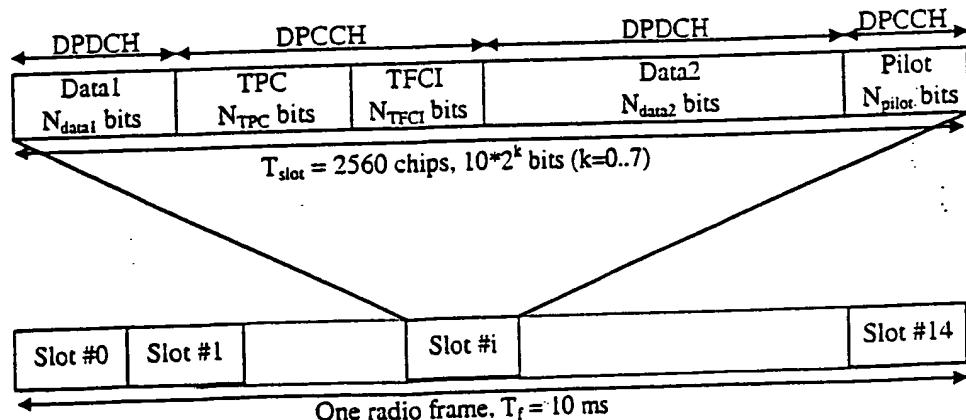


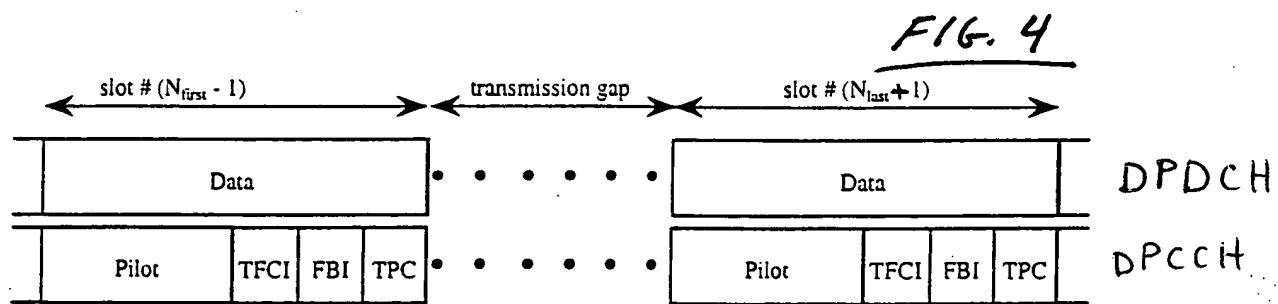
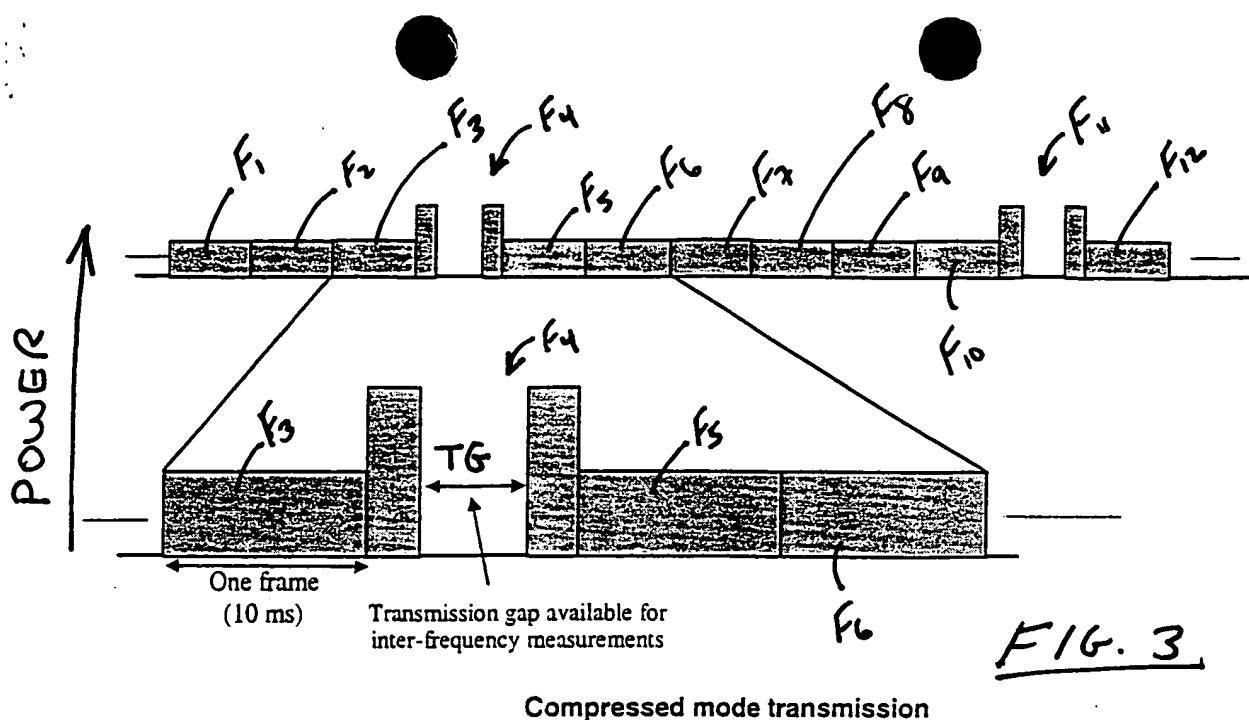
Frame structure for uplink DPDCH/DPCCH

FIG. 1(b)

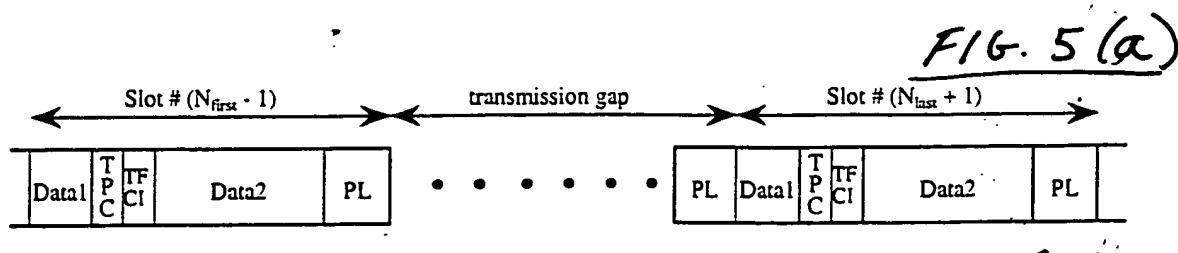


Frame structure for downlink DPCH

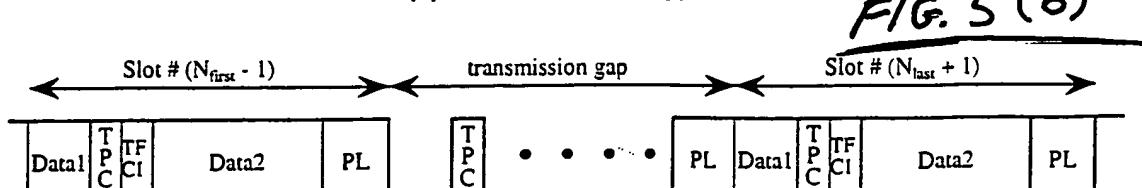
FIG. 2



Frame structure in uplink compressed transmission



(a) Frame structure type A



(b) Frame structure type B

Frame structure types in downlink compressed transmission

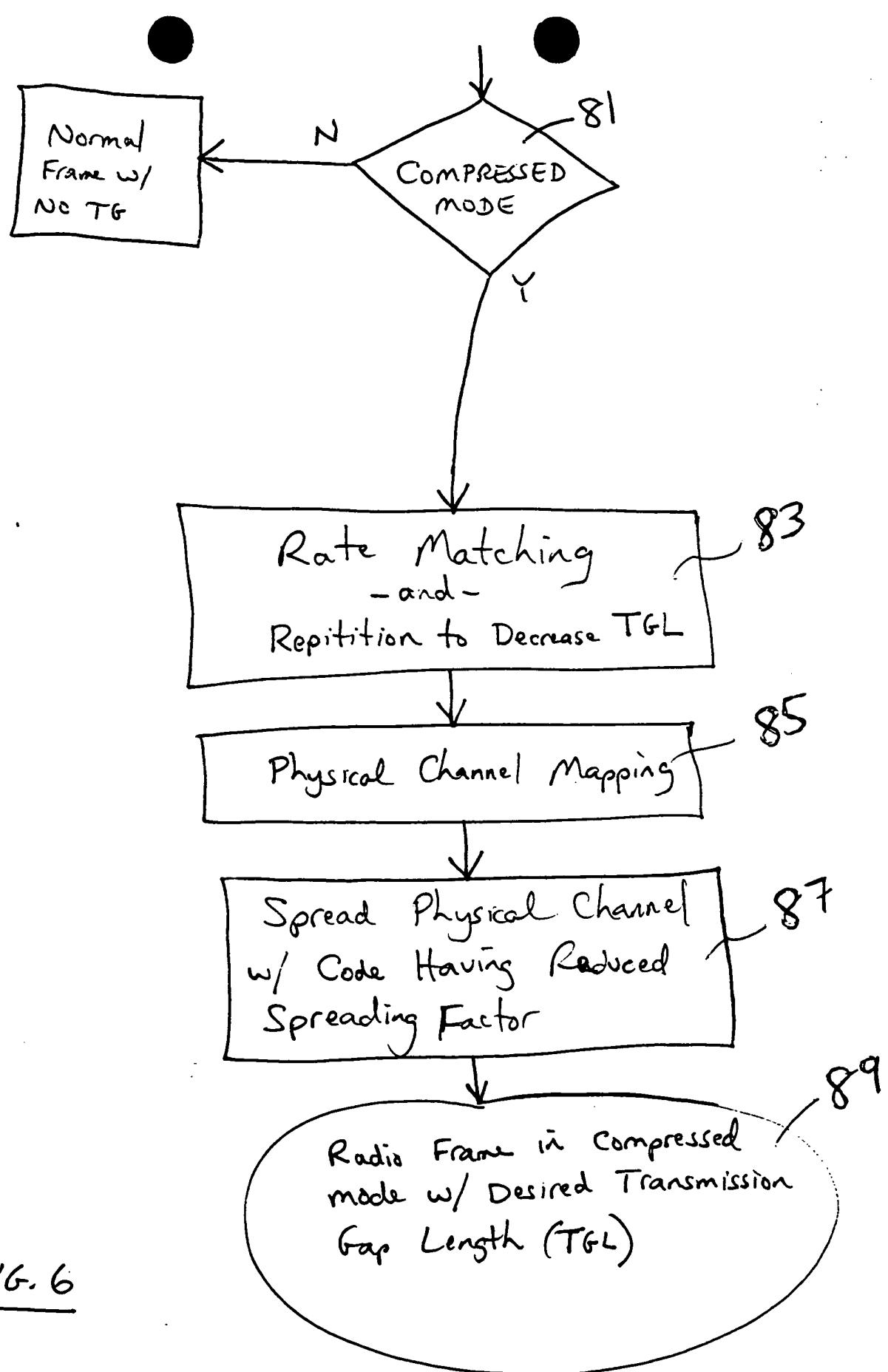


FIG. 6

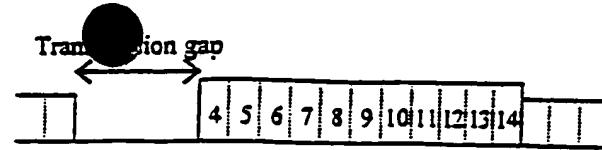


FIG. 7

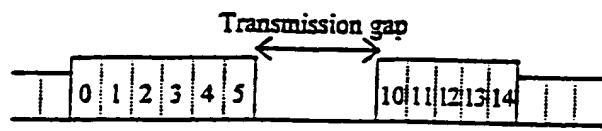


FIG. 8(a)

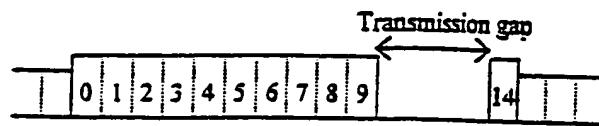


FIG. 9

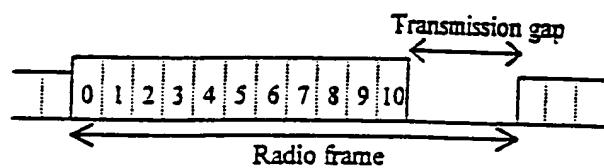


FIG. 10

## DPCCH FRAME

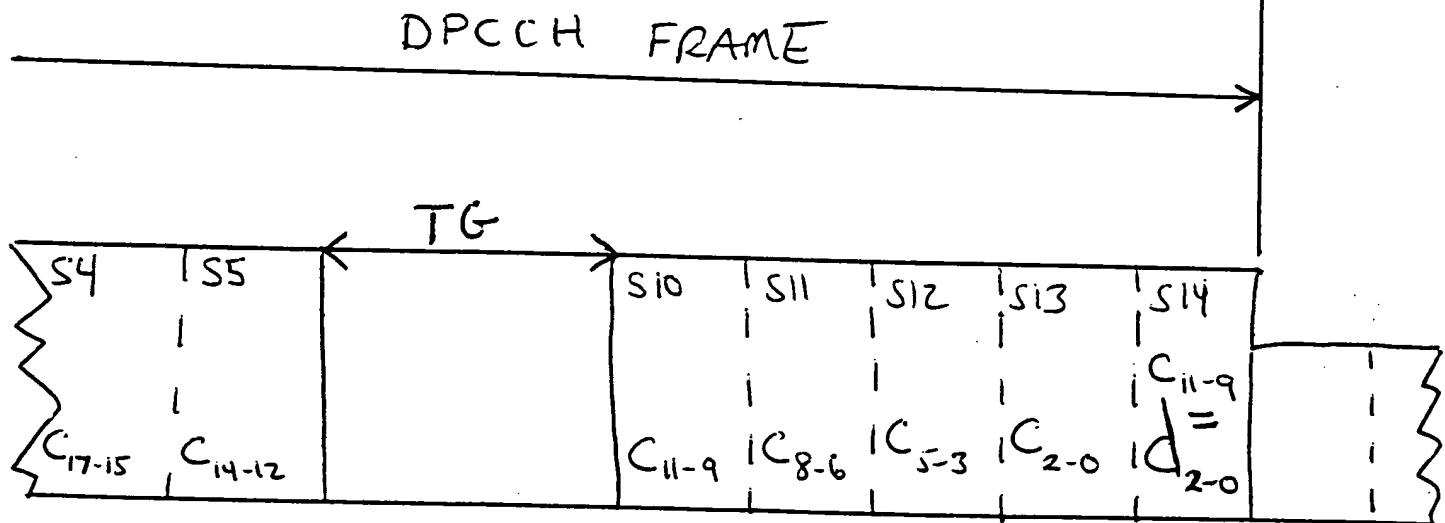
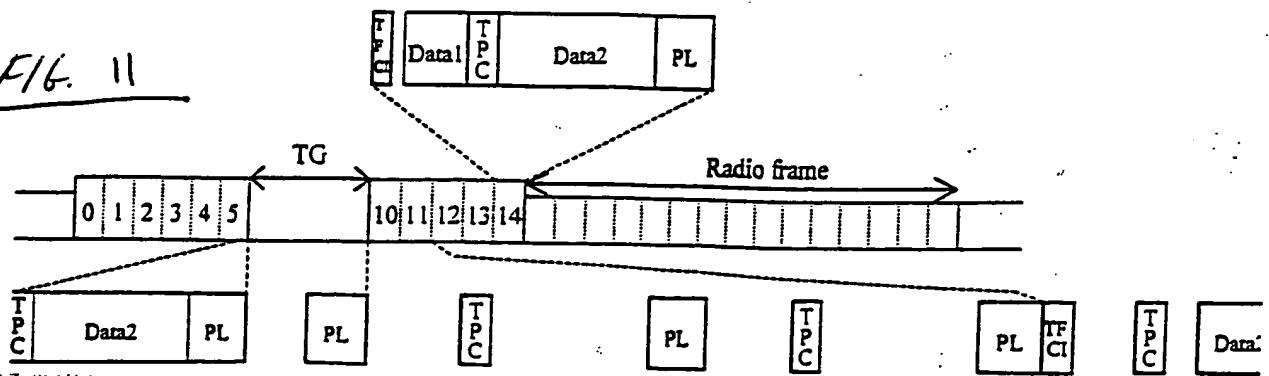


FIG. 8(b)

FIG. 11



F16.12

**Table 2: DPCCCH fields**

Slot Format #i	Channel Bit Rate (kbps)	Channel Symbol Rate (ksps)	SF	Bits/Frame	Bits/Slot	N <sub>pl</sub> at	N <sub>TP</sub> c	N <sub>TF</sub> c	N <sub>FB</sub> -	Transmitted slots per radio frame
0	15	15	256	150	10	6	2	2	0	15
0A	15	15	256	150	10	5	2	3	0	10-14
0B	15	15	256	150	10	4	2	4	0	8-9
1	15	15	256	150	10	8	2	0	0	8-15
2	15	15	256	150	10	5	2	2	1	15
2A	15	15	256	150	10	4	2	3	1	10-14
2B	15	15	256	150	10	3	2	4	1	8-9
3	15	15	256	150	10	7	2	0	1	8-15
4	15	15	256	150	10	6	2	0	2	8-15
5	15	15	256	150	10	5	1	2	2	15
5A	15	15	256	150	10	4	1	3	2	10-14
5B	15	15	256	150	10	3	1	4	2	8-9

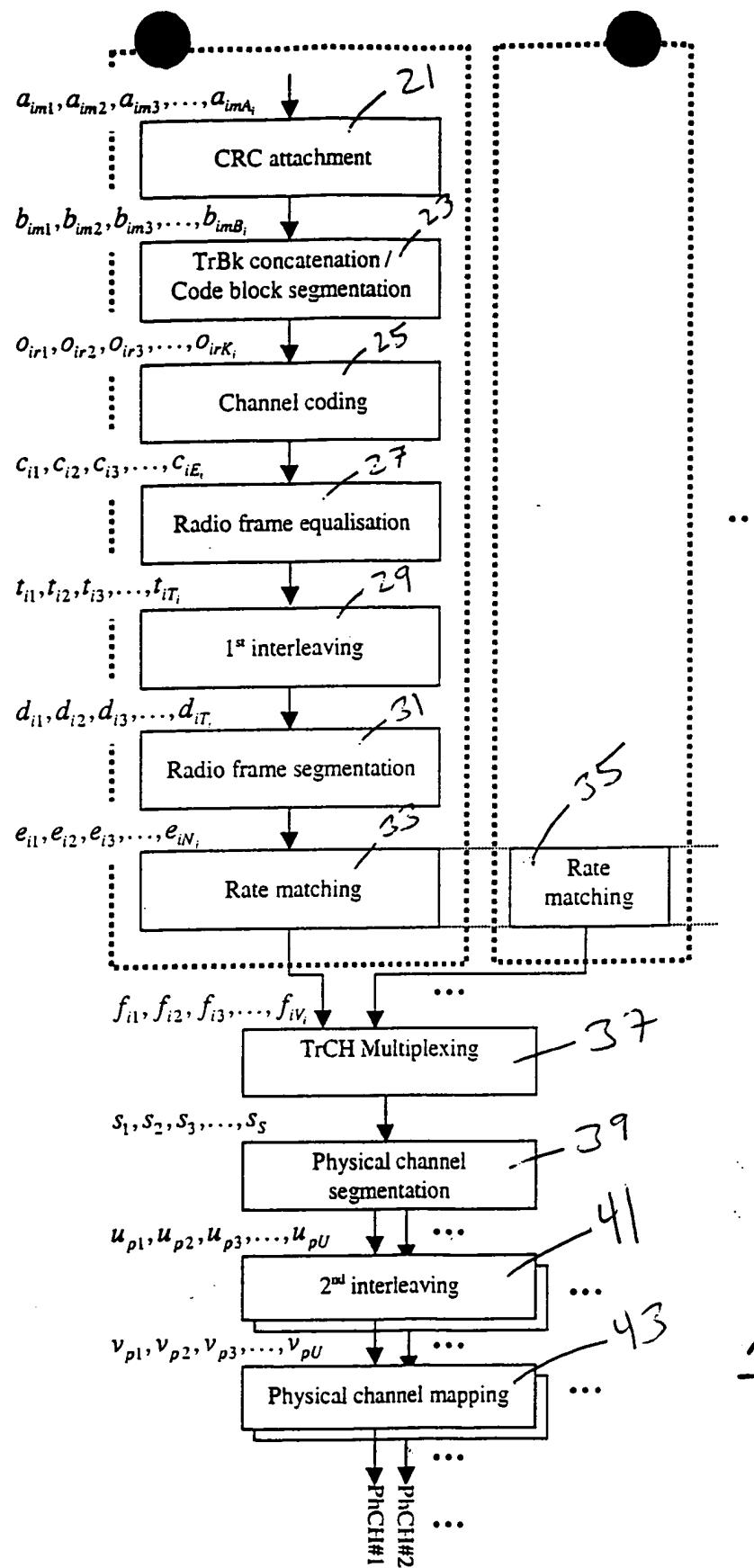


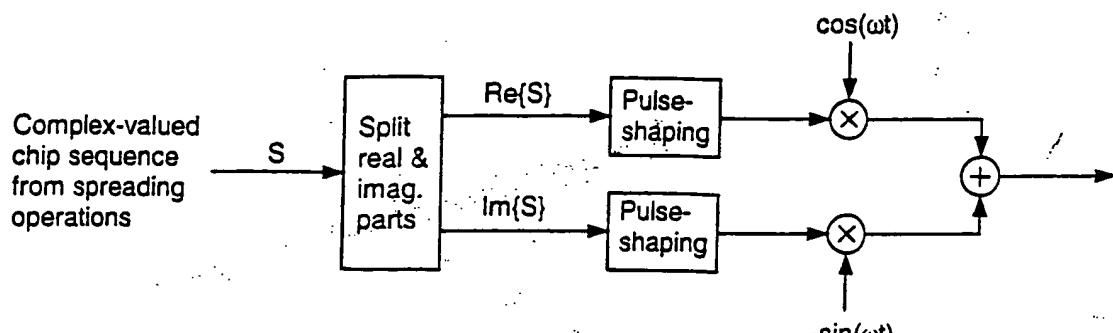
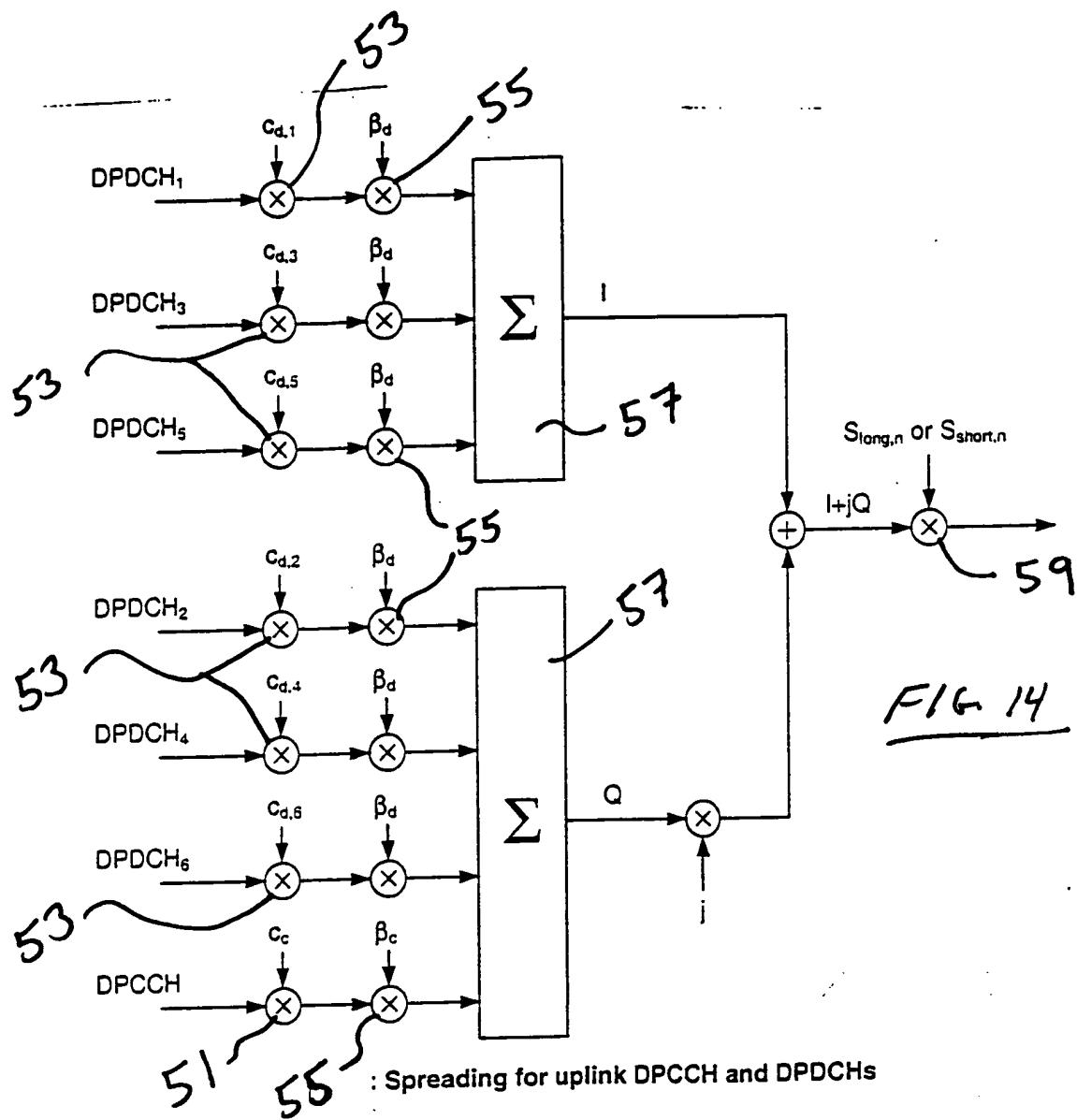
FIG. 13(a)

Transport channel multiplexing structure for uplink

FIG. 13 (b)

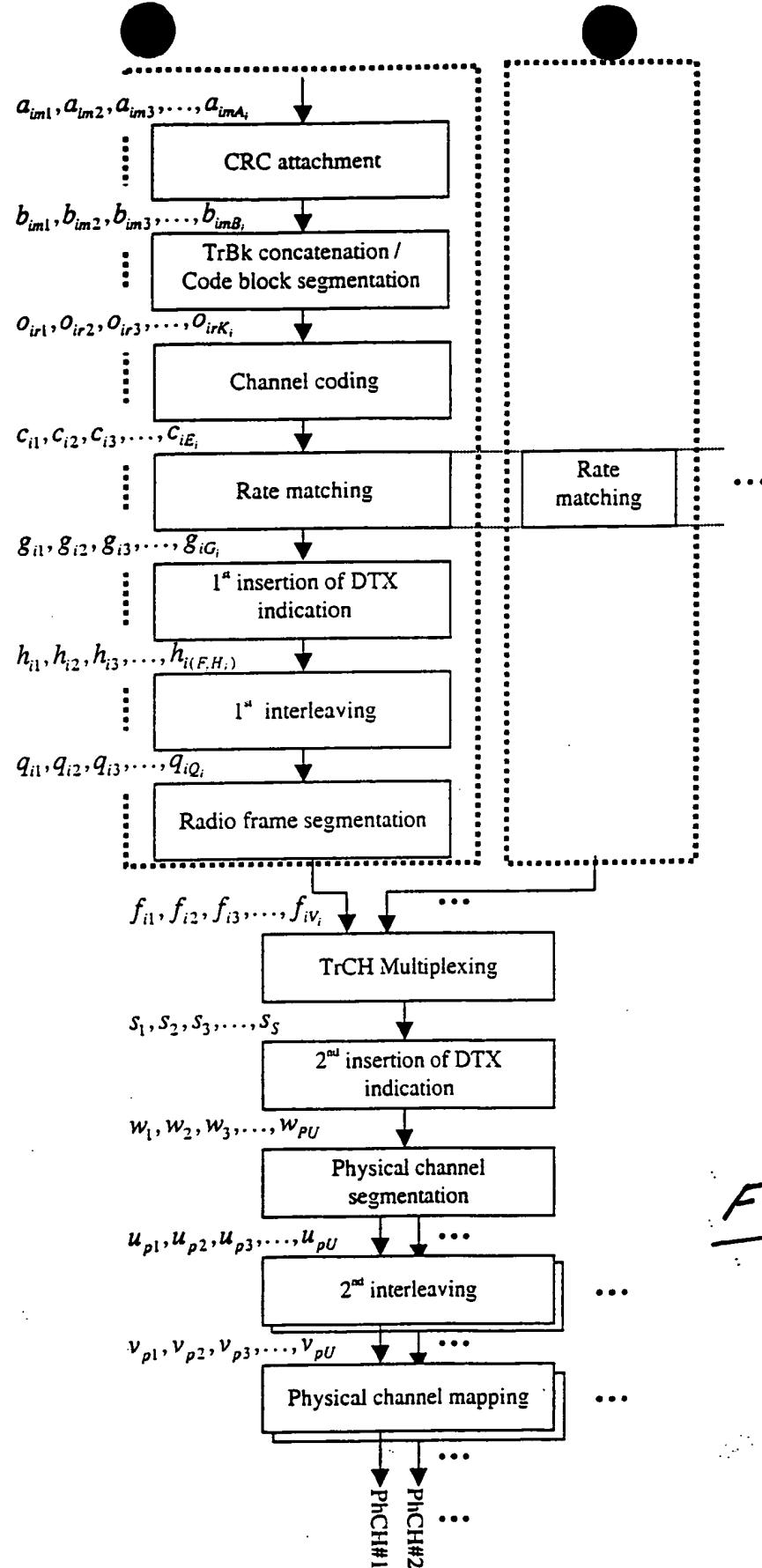
Table 3: Parameters for different TGLs in compressed mode

TGL	Type	Adjustable /fixed gap position	Spreading Factor	Idle length[ms]	Transmission time Reduction method	Idle frame Combining
3	A	Adjustable Or Fixed	512 - 4	1.73-1.99	Puncturing Spreading factor reduction by 2 Higher layer scheduling	(S) (D) =(1,2),(2,1)
	B		256- 4	1.60-1.86		
4	A		512 - 4	2.40-2.66		(S) (D) =(1,3),(2,2),(3,1)
	B		256- 4	2.27-2.53		
7	A		512 - 4	4.40-4.66		(S) (D)=(1,6),(2,5),(3,4),(4,3),(5,2),(6,1)
	B		256- 4	4.27-4.53		
10	A		512 - 4	6.40-6.66		(D)=(3,7),(4,6),(5,5),(6,4),(7,3)
	B		256- 4	6.27-6.53		
14	A	Fixed	512 - 4	9.07-9.33		(D) =(7,7)
	B		256- 4	8.93-9.19		

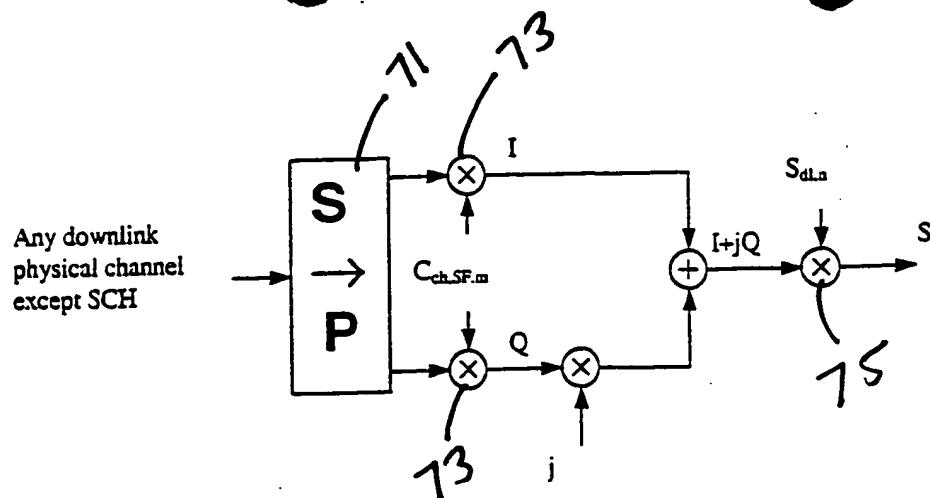


Uplink modulation.

FIG. 15

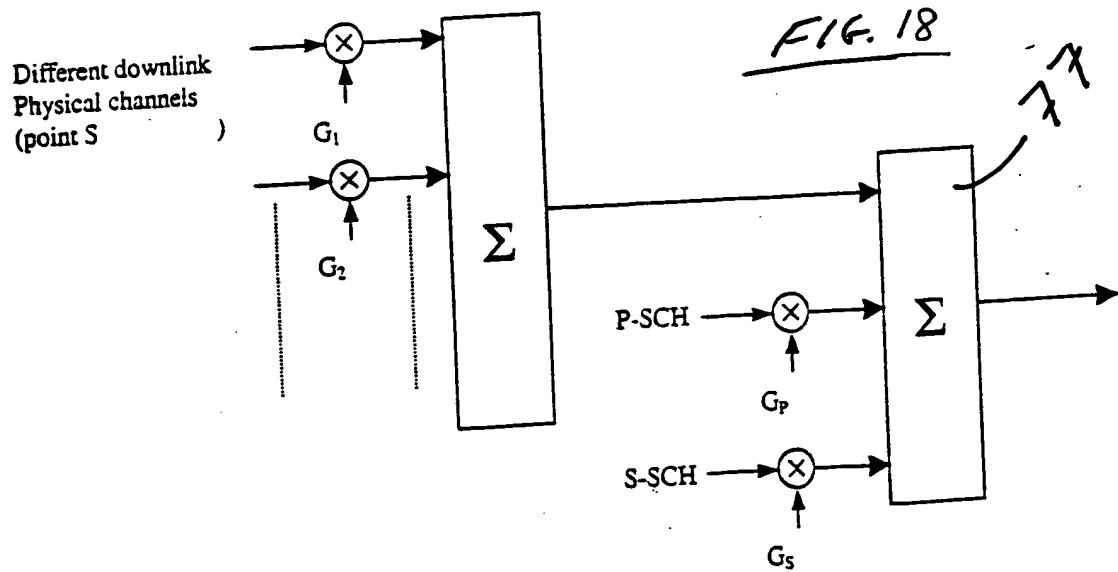


## Transport channel multiplexing structure for downlink



Spreading for all downlink physical channels except SCH

FIG. 17



Spreading and modulation for SCH and P-CCPCH

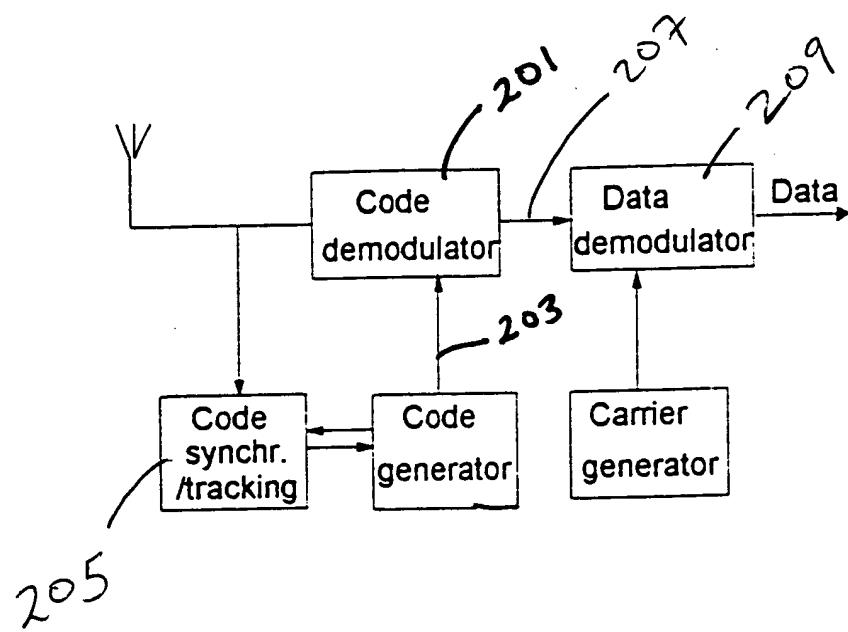


FIG. 19